



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/036,796
Applicant : Driscoll et al.
Filed : January 7, 2002

Title : High-Speed, High Density Interconnect
System ...

TC/A.U. : 2833
Examiner : Xuong M. Chung Trans

Docket No. : 2885-118
Customer No. : 06449
Confirmation No. : 4854

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

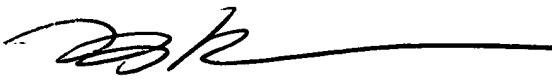
Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith information that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO-1449.

Pursuant to 37 C.F.R. § 1.17(p), the Commissioner is authorized to charge the \$180.00 fee to Deposit Account No. 02-2135. An additional copy of this document is enclosed.

Respectfully submitted,

By



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Attorney for Applicants
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05/14/2004 CNGUYEN 00000001 022135 10036796
01 FC:1806 180.00 DA

Enclosure(s): 115 references

O I P E
MAY 13 2004
U. S. PATENT OFFICE
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

				Complete if Known			
				Application Number		10/036,796	
				Filing Date		January 7, 2002	
				First Named Inventor		Driscoll et al.	
				Group Art Unit		2833	
				Examiner Name		Xuong M. Chung Trans	
Sheet	1	of	10	Attorney Docket Number		2885-118	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	A	3,035,244		Aveni, A.	May 15, 1962
	B	3,208,028		Mittler, M. A. et al.	September 21, 1965
	C	3,432,801		Ruotolo, M.	March 11, 1969
	D	3,564,343		Guest, A. J. et al.	February 16, 1971
	E	4,008,941		Smith, Donald L.	February 22, 1977
	F	4,017,770		Valfré, Cesare	April 12, 1977
	G	4,148,543		Shores, Marvin W.	April 10, 1979
	H	4,157,612		Rainal, Attilio J.	June 12, 1979
	I	4,175,821		Hunter, Bradley L.	November 27, 1979
	J	4,206,963		English, Keith H. et al.	June 10, 1980
	K	4,211,466		Reynolds, Charles E.	July 8, 1980
	L	4,265,549		Cote, Henry L.	May 5, 1981
	M	4,331,370		Andrews, Howard W. et al.	May 25, 1982
	N	4,338,717		Damon, Neil F.	July 13, 1982

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			

Examiner Signature

Date Considered

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

<div style="text-align: center;"> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>3 2004</p> <p>3 2004</p> </div> <div style="text-align: center;"> <p>O I P E S C I T</p> <p>PATENT & TRADEMARK OFFICE</p> </div> </div> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> </div>				Complete if Known			
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Sheet	2	of	10	Attorney Docket Number			2885-118
U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	U.S. Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
		Number	Kind Code ² (if known)				
O	4,382,653			Blanchard, Linden O.	May 10, 1983		
P	4,397,516			Koren, David H. et al.	August 9, 1983		
Q	4,457,574			Walters, Gerald E.	July 3, 1984		
R	4,477,022			Shuey, John R. et al.	October 16, 1984		
S	4,596,432			Tighe, Charles I., Jr.	June 24, 1986		
T	4,686,607			Johnson, Lennart B.	August 11, 1987		
U	4,689,721			Damerow, Milton F. et al.	August 25, 1987		
V	4,705,332			Sadigh-Behzadi, Amir-Akbar	November 10, 1987		
W	4,755,765			Ferland, Michael R.	July 5, 1988		
X	4,806,107			Arnold, Richard M. et al.	February 21, 1989		
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
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Sheet	3	of	10	Attorney Docket Number	2885-118		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	Y	4,846,727		Glover, Douglas W. et al.	July 11, 1989
	Z	4,861,272		Clark, Stephen L.	August 29, 1989
	AA	4,867,707		Widdoes, Peter A.	September 19, 1989
	AB	4,871,321		Johnson, Lennart B.	October 3, 1989
	AC	4,891,616		Renken, Gerald W. et al.	January 2, 1990
	AD	4,898,539		Glover, Douglas W. et al.	February 6, 1990
	AE	4,947,144		Le Nohaic, Yves	August 7, 1990
	AF	4,975,084		Fedder, James L. et al.	December 4, 1990
	AG	4,979,903		Gosselin, Jacques P.	December 25, 1990
	AH	5,027,088		Shimizu, Fumihiko et al.	June 25, 1991
	AI	5,055,069		Townsend, Peter K. et al.	October 8, 1991
	AJ	5,066,236		Broeksteeg, Johannes M.	November 19, 1991
	AK	5,083,238		Bousman, Thomas W.	January 21, 1992
	AL	5,104,341		Gilissen, Hermanus P. J. et al.	April 14, 1992

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SC177

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Examiner Name	Xuong M. Chung Trans

Sheet 4 of 10 Attorney Docket Number 2885-118

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	AM	5,114,355		Kimmel, David J. et al.	May 19, 1992
	AN	5,119,886		Fletcher, Leroy S. et al.	June 9, 1992
	AO	5,122,065		Dudek, Thomas J. et al.	June 16, 1992
	AP	5,158,471		Fedder, James L. et al.	October 27, 1992
	AQ	5,169,343		Andrews, Derek	December 8, 1992
	AR	5,174,770		Sasaki, Takinori et al.	December 29, 1992
	AS	5,175,928		Grabbe, Dmitry G.	January 5, 1993
	AT	5,215,473		Brunker, David L. et al.	June 1, 1993
	AU	5,249,974		Wang, Elson	October 5, 1993
	AV	5,259,773		Champion, Patrick et al.	November 9, 1993
	AW	5,286,212		Broeksteeg, Johannes M.	February 15, 1994
	AX	5,292,256		Brunker, David L. et al.	March 8, 1994
	AY	5,295,867		Bethurum, Gary C.	March 22, 1994
	AZ	5,316,489		Kachlic, Jerry D. et al.	May 31, 1994

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				Group Art Unit		2833
				Examiner Name	Xuong M. Chung Trans	
Sheet	5	of	10	Attorney Docket Number		
2885-118						

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
BA		5,334,962		Higgins, Brian P. et al.	August 2, 1994
BB		5,340,334		Nguyen, Hung T.	August 23, 1994
BC		5,342,211		Broeksteeg, Johannes M.	August 30, 1994
BD		5,354,219		Wanjura, Gunter	October 11, 1994
BE		5,380,216		Broeksteeg, Johannes et al.	January 10, 1995
BF		5,404,117		Walz, Dale D.	April 4, 1995
BG		5,429,520		Morlion, Danny et al.	July 4, 1995
BH		5,433,618		Morlion, Danny et al.	July 18, 1995
BI		5,443,401		Champion, Patrick et al.	August 22, 1995
BJ		5,443,617		Takahashi, Yasunori	August 22, 1995
BK		5,454,738		Lim, Gunsang et al.	October 3, 1995
BL		5,460,533		Broeksteeg, Johannes et al.	October 24, 1995

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				Group Art Unit		2833	
Examiner Name Xuong M. Chung Trans							
Sheet	6	of	10	Attorney Docket Number			
2885-118 (formerly 3395-089)							

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	BM	5,467,040		Nelson, Stephen E. et al.	November 14, 1995
	BN	5,470,244		Lim, Gunsang et al.	November 28, 1995
	BO	5,479,321		Mair, Eduard et al.	December 26, 1995
	BP	5,483,020		Hardie, William G. et al.	January 9, 1996
	BQ	5,484,310		McNamara, David M. et al.	January 16, 1996
	BR	5,490,787		Bowman, Michael E. et al.	February 13, 1996
	BS	5,496,183		Soes, Lucas et al.	March 5, 1996
	BT	5,513,065		Caveney, Jack E. et al.	April 30, 1996
	BU	5,516,294		Andrews, Derek et al.	May 14, 1996
	BV	5,522,727		Saito, Kazuki et al.	June 4, 1996
	BW	5,539,360		Vannatta, Louis J. et al.	July 23, 1996

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Sheet	7	of	10	Attorney Docket Number	2885-118		

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		Number	Kind Code ² (if known)		
	BX	5,554,038		Morlion, Danny et al.	September 10, 1996
	BY	5,577,935		Harting, Dietmar et al.	November 26, 1996
	BZ	5,605,477		Wu, Jeff C. et al.	February 25, 1997
	CA	5,620,340		Andrews, Derek	April 15, 1997
	CB	5,661,901		King, Jerrold L.	September 2, 1997
	CC	5,664,968		Mickievicz, Scott K.	September 9, 1997
	CD	5,697,817		Bouchan, Christophe et al.	Decmeber 16, 1997
	CE	5,700,167		Pharney, Julian R. et al.	December 23, 1997
	CF	5,702,258		Provencher, Daniel B. et al.	December 30, 1997
	CG	5,789,994		Case, Michael G. et al.	August 4, 1998

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		Number	Kind Code ² (if known)		
	CH	5,795,191		Preputnick, George et al.	August 18, 1998
	CI	5,816,826		Colemen, Allen M.	October 6, 1998
	CJ	5,888,096		Soes, Lucas et al.	March 30, 1999
	CK	5,895,276		Rothenberger, Richard E.	April 20, 1999
	CL	5,931,687		McFarlane, Walter et al.	August 3, 1999
	CM	5,949,656		Pinault, Michael	September 7, 1999
	CN	5,955,889		Taguchi, Masao et al.	September 21, 1999
	CO	5,961,355		Morlion, Danny L. C. et al.	October 5, 1999
	CP	5,967,844		Doutrich, Ray C. et al.	October 19, 1999
	CQ	5,967,850		Crane, Stanford W.	October 19, 1999

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		Number	Kind Code ² (if known)			
CR	5,967,853		Hashim, Amid I			October 19, 1999
CS	5,980,321		Cohen, Thomas S. et al.			November 9, 1999
CT	5,993,255		Yurko, Garold M.			November 30, 1999
CU	5,993,256		Shimojyo, Yasuhiro			November 30, 1999
CV	5,993,259		Stokoe, Philip T. et al.			November 30, 1999
CW	6,042,394		Mitra, Niranjan et al.			March 28, 2000
CX	6,050,842		Ferrill, Jess B. et al.			April 18, 2000
CY	6,293,827		Stokoe, Philip T.			September 25, 2001
CZ	6,347,962		Kline, Richard S.			February 19, 2002
DA	6,503,103		Cohen, Thomas S. et al.			January 7, 2003
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		Group Art Unit	2833
Total Amount of Payment	(\$180.00)	Attorney Docket Number	2885-118

METHOD OF PAYMENT (check one)

- The Commissioner is hereby authorized to charge additional fees and credit any overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck
- Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
- Applicant claims small entity status
- Payment Enclosed
 - Check
 - Credit Card

FEE CALCULATION

1. FILING FEE

Fee	Fee	Fee Description	Fee Paid
Code	\$		
1001	770	Utility filing fee	[]
1002	340	Design Filing Fee	[]
1003	530	Plant Filing Fee	[]
1004	770	Reissue Filing Fee	[]
1005	160	Provisional Filing Fee	[]

SUBTOTAL \$

2. CLAIMS

Paid	Extra Claims	Fee	Fee
Total Claims	[29]	- 52**	= [0] x \$18 = []
Independent Claims	[7]	- 11**	= [0] x 86 = []
Multiple Dependent Claims		+	290 = []

**or number previously paid, if greater;

SUBTOTAL \$

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee	Fee	Fee Description	Fee Paid
Code	Paid		
1051	130	Surcharge - late filing fee or oath	[]
1052	50	Surcharge - late provisional filing fee or cover sheet	[]
1053	130	Non-English specification	[]
1812	2,520	For filing a request for reexamination	[]
1804	920	Requesting publication of SIR prior to Examiner action	[]
1804	1,840*	Requesting publication of SIR after Examiner action	[]
1251	110	Extension for reply within first month	[]
1252	420	Extension for reply within second month	[]
1253	950	Extension for reply within third month	[]
1254	1,480	Extension for reply within fourth month	[]
1255	2,010	Extension for reply within fifth month	[]
1401	330	Notice of Appeal	[]
1402	330	Filing a brief in support of an appeal	[]
1403	290	Request for Oral Hearing	[]
1451	1,510	Petition to institute a public use proceeding	[]
1452	110	Petition to revive -unavoidable	[]
1453	1,330	Petition to revive - unintentional	[]
1501	1,330	Utility issue fee (or reissue)	[]
1502	480	Design issue fee	[]
1503	640	Plant issue fee	[]
1460	130	Petitions to the Commissioner	[]
1807	50	Processing fee under 37 CFR 1.17(q)	[]
1806	180	Submission of Information Disclosure Statement	[180.00]
8021	40	Recording each patent assignment per property (times number of properties)	[]
1809	770	Filing a submission after final rejection (37 CFR .129(a))	[]
1810	770	For each additional invention to be examined (37 CFR 1.129(b))	[]
1801	770	Request for Continued Examination (RCE)	[]
1802	900	Request for expedited examination of a design application	[]
1504	300	Publication fee for early, voluntary, or normal publication	[]
1505	300	Publication fee for republication	[]
1455	200	Filing application for patent term adjustment	[]
1456	400	Request for reinstatement of term reduced	[]
Other fee (specify)			

* Reduced by Basic Filing Fee Paid

SUBTOTAL

\$180.00

SUBMITTED BY			Complete (if applicable)		
NAME AND REG. NUMBER	Brian S. Rosenbloom, Reg. No. 41,276				
SIGNATURE		DATE	5/13/04	DEPOSIT ACCOUNT USER ID	